

C L A I M S

Having described the invention sufficiently, and considering it a
5 novelty we claim the following:

1. Absorbent material of odoriferous substances from the environment, characterized by a carrier formed by particles obtained from the milling, separation, air washing and classification of
10 the concentric rings or fractions of corncobs. These rings or fractions known as woody ring (intermediate ring), chaff (outer ring) with a content of less than 1% of fines by weight and a moisture content below 10%.
- 15 2. The absorbent material of odoriferous substances of the environment of claim 1 wherein particles are characterized by pertaining to the woody ring fraction of corncobs, with a content of less than 1% of fines by weight and a moisture content below 10%.
- 20 3. The absorbent material of odoriferous substances of the environment of claim 2 additionally characterized by said particles have a size that ranges between 250 and 2380 microns and a moisture content of less than 10% by weight.

4. The absorbent material of odoriferous substances from the environment of claim 1 additionally **characterized** by said particles are obtained from the chaff fraction (outer ring) of corncobs, with a content of less than 1% of fines by weight and a moisture content below 10%.
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5. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of claim 4 additionally **characterized** because said particles are sized between 73 and 841 microns and a moisture content below 10% by weight.
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6. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient, **characterized** by a carrier formed by particles obtained from the milling, separation, air washing and classification of the fractions that constitute corncobs.
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7. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of claim 6, additionally **characterized** by said particles being obtained exclusively from the woody ring fraction of corncobs.
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8. The absorbent material of odoriferous substances from the envi-
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ronment and releaser of active ingredients of claim 7, additionally characterized by said particles having a size that ranges between 250 and 2380 microns and a moisture content below 10% by weight.

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9. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of claim 6, additionally characterized by said particles being obtained exclusively from the chaff fraction of corncobs.

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10. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of claim 9, additionally characterized by said particles having a size that ranges between 73 and 841 microns and a moisture content below 10% by weight.

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11. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claims 6 through 10, additionally characterized by said active ingredient being selected from a group of substances formed by polymers, fragrances, flavors, oxidizers, attractants, repellents, reductors and antibacterials, in liquid or solid state.

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12. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 11 additionally **characterized** because the concentrations of fragrance, perfumes and therapeutic aromas usually in a polyvinyl glycol or light mineral oil base, are from 0.01% to 18% on a weight basis of the woody ring fraction of the corn cob, to avoid saturation and the loss of product flowability.

13. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 11, **characterized** because the concentrations of fragrance, perfumes and therapeutic aromas usually in a polyvinyl glycol or light mineral oil base, are from 0.01% to 36% on a weight basis of the chaff fraction of the corncob, to avoid saturation and the loss of product flowability.

14. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 6 through 13, **characterized** because this composition additionally comprises a carrier for solids, mineral or organic, in powder or granular form, to be used in case the active ingredient is a liquid, and an adherent substance that assures that, the active agent's ab-

sorbent carrier adheres to the corncob particles homogeneously.

15. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 6 through 14,
5 **characterized** by a surfactant foam coating in amounts ranging from 0.02% to 5% in water. Said surfactant foam solution being 0.5% to 3.5% by weight of corncob particles.

10 16. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 6 through 15, **characterized** by said carrier being an odorless and colorless mineral or organic oil, with a viscosity on the Saybolt scale
15 (SUS/210 F) of between 40 and 300.

17. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 6 through 16,
20 **characterized** by said mineral oil being between 0.5% and 18% of woody ring particles on a per weight basis.

18. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 6 through 17,
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characterized by this composition used in a passive form.

19. The absorbent material of odoriferous substances from the environment and releaser of active ingredients of the type comprising a carrier and an active ingredient of claim 6 through 18,
5 **characterized** by this composition incorporated into an active system for filtering, recycling and/or treating air.